Lab 5 worksheet

global catalog and flexible single master operations (FSMO) roles

**This lab contains the following exercises:**

**Exercise 5.1 The Global Catalog and the Windows Server 2008 Domain Functional Level**

**Exercise 5.2 Enabling Universal Group Membership Caching**

**Exercise 5.3 Working with Flexible Single Master Operations Roles**

**Estimated lab time: 70 minutes**

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| Exercise 5.1 | The Global Catalog and the Windows Server 2008 Domain Functional Level |
| Overview | Now that your Domain Controllers are configured, your manager would like you to raise the domain and forest functional levels to Windows Server 2008 so that your organization can take full advantage of the features of Windows Server 2008. She would also like to know the implications of Global Catalog failure to your organization |
| Completion time | 40 minutes |

 PART A: Raise the Domain Functional Level

1. Press Ctrl+Prt Scr to take a screen shot of the message indicating that the domain functional level is Windows Server 2008, and then press Ctrl+V to paste the resulting image into the lab05\_worksheet file in the page provided.

 PART B: Raise the Forest Functional Level

1. Press Ctrl+Prt Scr to take a screen shot of the message indicating that the forest functional level is Windows Server 2008, and then press Ctrl+V to paste the resulting image into the lab05\_worksheet file in the page provided.

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| Question 1 | Would you be able to reverse this change at this point? |

 PART D: Creating An Account in Order to Test the Global Catalog Failure

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| Question 2 | What does this message indicate? |

 PART E: Resolve the Global Catalog Failure

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| Question 3 | What does this message indicate? |

 PART F: Test the Availability of the Global Catalog

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| Question4 | Why did you not receive an Active Directory Domain Services message when creating this account? |

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| Exercise 5.2 | Enabling Universal Group Membership Caching |
| Overview | Your manager wants to know if the universal group membership caching feature will alleviate her concerns about user logon dependency on the global catalog. You decide to run an experiment in your test lab to see how universal group membership caching works in the event of a global catalog failure. |
| Completion time | 10 minutes |

 PART A: Enabling Universal Group Membership Caching

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| Question 5 | What are the benefits of enabling Universal Group Membership Caching? |

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| Exercise 5.3 | Working with Flexible Single Master Operations Roles |
| Overview | Your manager tells you that the computer holding the schema operations master role must be replaced soon. She asks you to transfer that role to another server for a short period until a new domain controller can be put in place. |
| Completion time | 20 minutes |

 PART A: Viewing Operations Masters

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| Question 6 | What FSMO roles are assigned to the Server## computer? |

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| Question 7 | What FSMO roles are assigned to the Server##A computer? |

 PART B: Transferring the Schema Master to a Different Domain Controller

1. Press Ctrl+Prt Scr to take a screen shot of the Role Transfer Confirmation dialog message, and then press Ctrl+V to paste the resulting image into the lab05\_worksheet file in the page provided.

 PART C: Transferring the Schema Master to the New Domain Controller

1. Press Ctrl+Prt Scr to take a screen shot of the Role Transfer Confirmation dialog message, and then press Ctrl+V to paste the resulting image into the lab05\_worksheet file in the page provided.